BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT42310

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/03/2020-21, Date: 28-05-2020

Name of Work:Package-1,Includes 4 works of Rs.1100.00 Lakhs
Improvements to Roads and Drains at Palanahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward no:05 Byatarayanapura Sub Division Package-01 (Old Annuxure-2) GO SL No 102,103,104,105

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SATISH S ( )	
				In Figures	In Words
1	7442.28	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications 5km lead complete as per specification and direction of the engineer-in-charge of the work	Cum	213.9079	Rupees Two Hundred Thirteen and Ninety Paise Only
2	6286.41	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specification and direction of the engineer-in-charge of the work	sqm	112.413	Rupees One Hundred Twelve and Forty One Paise Only
3	45	Removing and resetting of footpath slab complete as per specification and direction of the engineer-in-charge of the work	sqm	210.9082	Rupees Two Hundred Ten and Ninety Paise Only
4	698.48	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick complete as per specification and direction of the engineer-in-charge of the work	sqm	749.42	Rupees Seven Hundred Forty Nine and Forty Two Paise Only
5	15.12	Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. MORTH Specification No. 408 complete as per specification and direction of the engineer-in-charge of the work	Cum	4524.3556	Rupees Four Thousand Five Hundred Twenty Four and Thirty Five Paise Only
6	29.16	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar & stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, HOM, curing complete as per specification and direction of the engineer-in-charge of the work	Cum	4920.4776	Rupees Four Thousand Nine Hundred Twenty and Forty Seven Paise Only
7	6.48	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications. complete as per specification and direction of the engineer-in-charge of the work	Cum	5655.9798	Rupees Five Thousand Six Hundred Fifty Five and Ninety Seven Paise Only.
8	40.32	Providing and laying in position plain/Reinforced cement cement concrete M20 for sub structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mix complete as per specification and direction of the engineer-in-charge of the work	Cum	5330.5174	Rupees Five Thousand Three Hundred Thirty and Fifty One Paise Only
9	3.22	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever complete as per specification and direction of the engineer-in-charge of the work	Tonne	73050.25	Rupees Seventy Three Thousand Fifty and Twenty Four Paise Only
10	239.4	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead complete as per specification and direction of the engineer-in-charge of the work	Sqm	5472.18	Rupees Five Thousand Four Hundred Seventy Two and Eighteen Paise Only

Signature of the Contractor

26/05

Executive Engineer

Name of Work:Package-1,Includes 4 works of Rs.1100.00 Lakhs Improvements to Roads and Drains at Palanahalli Chokkanahalli Vinayakanagara Dwarakanagara and Surrounding area in ward no:05 Byatarayanapura Sub Division Package-01 (Old Annuxure-2) GO SL No 102,103,104,105

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SATISH S ( )	
				In Figures	In Words
11	19609.5	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio complete as per specification and direction of the engineer-in-charge of the work	Cum	54.8531	Rupees Fifty Four and Eighty Five Paise Only
12	16341.3	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications complete as per specification and direction of the engineer-in-charge of the work	Cum	2021.2928	Rupees Two Thousand Twenty One and Twenty Nine Paise Only
13	65365	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. complete as per specification and direction of the engineer-in-charge of the work	sqm	28.9062	Rupees Twenty Eight and Ninety Paise Only
14	49632	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. complete as per specification and direction of the engineer-in-charge of the work	sqm	5.353	Rupees Five and Thirty Five Paise Only
15	150845	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications complete as per specification and direction of the engineer-in-charge of the work	sqm	12.8472	Rupees Twelve and Eighty Four Paise Only
16	1794.25	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per specification and direction of the engineer-in-charge of the work	Cum	6663.4144	Rupees Six Thousand Six Hundred Sixty Three and Forty One Paise Only
17	4598.38	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) complete as per specification and direction of the engineer-in-charge of the work	Cum	7831.439	Rupees Seven Thousand Eight Hundred Thirty One and Forty Three Paise Only
18	4661.5	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. complete as per specification and direction of the engineer-in-charge of the work	sqm	459.2874	Rupees Four Hundred Fifty Nine and Twenty Eight Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

26/05